**PATENT PAPER-HANGINGS**, from Original French Designs, commencing at 7d. per Piece.
SATINS, FLOCK, GOLD, MARBLE, OAK, GRANITE.
Elegant Borders and Fillings for Decoration, equally low.
LINTRO-PAPER AT MILL PRICES.
Building and the Trade, Country Dealers, and Exporters, will find the Largest Manufactured Stock at the LOWEST PRICES in the Kingdom, at
L. HARRIS and CO.'S, Manufacturers and Importers, 9, Great Queen-street, and 31, Parker-street, Long-acre, and Consignees of the principal Parisian Manufacturers. Established 1820.

**PAPER-HANGINGS**, the Cheapest in London, at CHURCH'S Warehouse and Retail Warehouse, 33, Great Portland-street, Oxford-street, where builders and the trade can select from a stock of 20,000 pieces, at the following reduced prices:—

| | | |
|---|---|---|
| Good flat room Papers | from 4½d. | per yard |
| Painted Marble, Granite, and Oak Papers | from 6½d. | do. |
| Superfine Dining and Drawing room Papers | from 7½d. | do. |
| Satins and Flock | from 10½d. | do. |

**PAPER-HANGINGS**, by E. T. ARCHER'S patented Machine, Blocks, Cylinders, and Artistical Labour, at his Manufactory for all kinds of papers adapted for interior decoration. FAIRYLAND DECORATIONS based on the works of the celebrated Show Rooms. In every Historic style, and for all purposes, by artists of known merit.
Always on hand a CHOICE and EXTENSIVE SELECTION of FRENCH PAPERS, from the best manufacturers in Paris.
Attached to the paper-hanging factory there is the choicest assortment of CABINET FURNITURE in London, of the best make, and upholstery goods of the first fabrics, Brussels carpet, 2s. 6d. per yard; floor cloths, the best that can be made, cut to any dimensions, 2s. 4d. per yard; silk and worsted curtains, of the finest fabrics, 3 feet wide, 4s. per yard, at
E. T. ARCHER'S, 441, Oxford-street.

**GUTTA PERCHA TUBING.**—May be buried for years, without injury, and is therefore valuable for conveying water, chemicals, &c. It is peculiarly valuable for Gold mining, drains, and soil pipes. Being a non-conductor, it is not affected by the frost of winter or drought of summer, like metal or leather. Its strength is extraordinary; the small half-inch diameter tubing having resisted a pressure of 320 lbs. on the square inch, without bursting. The smaller sizes may be had in 100 feet coil; the larger in 50 feet lengths. The joints are easily made. As a conductor of sound it is most valuable for conveying messages in lieu of bells. Every variety of articles manufactured by the GUTTA PERCHA COMPANY, Patentees, 18, Wharf-road, City-road, London: and sold by their wholesale dealers.
Wholesale City Depôt, Messrs. BLAKES and KEY,
105, Newgate-street.

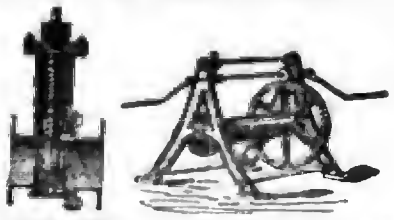
**PATENT VULCANISED INDIA-RUBBER** TUBING, for Gas Fittings, Chemical Purposes, Fire Engines, Suction Pumps, &c.—JAMES LYNE HANCOCK, Sole Manufacturer (and Licensee), Gower-street, Gower-street, London, begs to invite the attention of Architects, Builders, Engineers, and the trade generally, to the Vulcanised India Rubber Tubing, which is now manufactured from 1-8 inch bore and upwards, in lengths from 50 to 100 feet, and of various strengths, suitable to the purposes for which it is applied. VULCANISED HOSE for FIRE ENGINES, LIQUID MANURE, and for conveying HOT WATER to BATHS in DWELLING-HOUSES and BREWERIES, manufactured to resist great pressure of any length, and also to order.
*** Testimonials may be had on application at the Manufactory.
N.B. VULCANISED WASHERS and SHEET RUBBER for Steam and Hot Water Pipes, and Packings for Pistons and Gland-Boxes of Steam Engines, cut any size to order.

PRIZE MEDAL, CLASS 8.
**HIGH-PRESSURE VALVE COCKS.**—LAMBERT'S PATENT.

These Cocks have, during the last five years, been extensively and most successfully used in many Towns under continuous high pressure, varying from 100 to 300 feet; their efficiency and durability is by experience established.
The Equilibrium Ball-valve is simple and certain in its action, and is cheaper than the common Cocks now in use.
Household iron, self-acting, and other closets, upon economic arrangements, suitable for public buildings, cottages, asylums, &c.
THOMAS LAMBERT and SON,
Brass and Iron Founders, Short-street, New-cut, Lambeth.

TO WATER-COMPANIES AND PLUMBERS.
**HIGH-PRESSURE COCKS** and CLOSETS.

The Health of Towns Commissioners having recommended the adoption of the high-pressure principle in all towns, WARNER'S HIGH-PRESSURE COCK is recommended as a Cock free from leakage, and applicable for all purposes and situations. Patent Closets and Basins with supply-valve for attaching direct to main pipes without a cistern, cistern, or wire.
LEAD, IRON, and TIN PIPE.
JOHN WARNER and SONS, Manufacturers, 8, Crescent, Jewin-street, London.

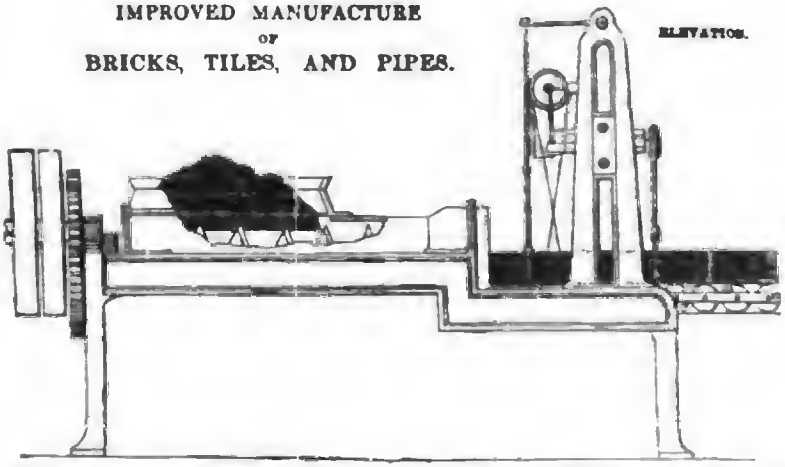


**IMPROVED SLUICE COCKS** for Water Gas or Steam, brass-faced, and Sluices raised by square threaded, angle-turned Screw, working in Brass Nut, in every thread of proof to can be manufactured, are offered at the following prices per inch:—

| 3 inch. | 3 and 4-inch. | 6 to 8-inch. | 10 to 15-inch. |
|---|---|---|---|
| 20s. | 24s. | 30s. | 42s. |

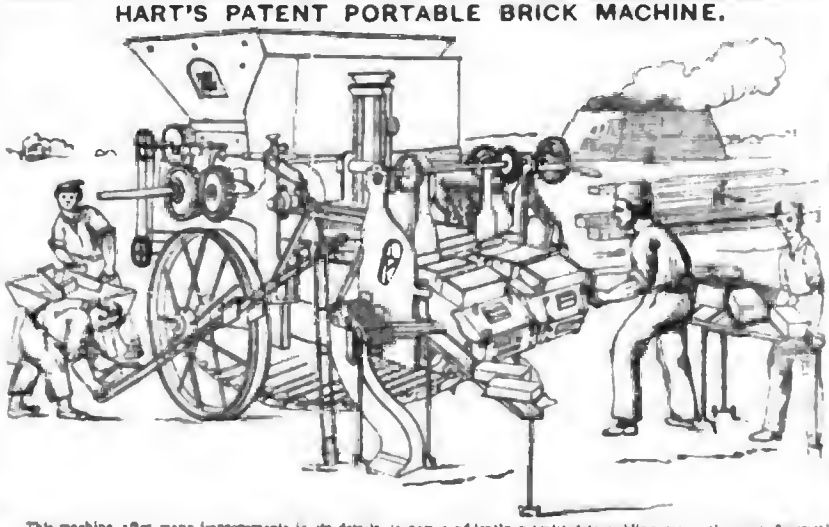
Lithographs of the improved self-lubrication, and various other improvements, with descriptions and prices attached, may be had on application.
Single purchase Builders' Cranks, as above, fitted with Two Handles, and Wrought Iron Brass and Spindles, with Bolt to screw in and out of case, price 45s. each. Delivered in London free.
BARRETT, EXALL, AND ANDREWES,
Kingsmere Iron Works, Reading.
Agents in London.—DRAKE, DRAY, and DRAKE, where the above may be seen.

**RANDELL AND SAUNDERS'S PATENT MACHINE**
FOR THE
IMPROVED MANUFACTURE
OF
**BRICKS, TILES, AND PIPES.**




In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without pounding as long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.
The clay, in a crude state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forward into the chamber at the other end of the cylinder to which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.
When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks for sewage purposes, which make a drain of much greater strength than the stoneware or red ware pipes, and at the same cost.
The machine is self-acting—the attendants have merely to pull to the clay, and remove the bricks, or other ware, which may be produced.
When worked with tenhorse power, the machine will produce 1,000 bricks, or 1,000 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.
The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.
The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, which hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.
For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARR and CO. Engineers, Belper, Derby; STOTHERT, KAY, 30, and PITT, Engineers, Bath; or to FOWLER and FRY, Engineers, Bristol.

**HART'S PATENT PORTABLE BRICK MACHINE.**



This machine, after many improvements in its details, is now confidently submitted to public notice as the most efficient and economical in-door means of manufacturing solid bricks of a uniformly superior quality. Its advantages over every other machine attaining the same end have been so unequivocally admitted by all who have seen it in operation, that it will only be requisite to draw attention to a few of its characteristic features, to secure a very large share of public patronage.
1st. The same machine grinds the clay and makes the bricks. 2nd. The pressure being equal throughout, the bricks are of uniform density, and superior in quality to hand made bricks. 3rd. The moulds in which the bricks are formed and removed from the machine are made to open; thus the bricks are laid on the pallet-boards without injury to the shape from being handled. 4th. No skilled labour is required, as the machine is entirely self-acting, and requires none but boys to attend to it. 5th. The machine being mounted on wheels, is easily portable to any part of the field. 6th. The quantity made exceeds that by any other means with an equal amount of power; as it is WARRANTED TO MAKE 20,000 IN TEN HOURS, WITH 8-HORSE POWER, and will continue in working order for years. 7th. The saving resulting from the use of the machine can be shown to exceed 70*l.* per annum.
PRICE 200*l.*

**HART'S PATENT DOUBLE-ACTION BRICK AND TILE MACHINE.**

This machine consists of a worm and toothed wheel, acting on a powerful screw, with a piston at each end; each piston working in the machine, which is capable of containing 1 cwt. of clay at each end.
The machine is entirely of iron, and the construction is so simple, that with ordinary care it will last for years, and WILL BE WARRANTED FOR THREE YEARS. It is mounted on wheels, so as to be readily taken to any part required. The dies are made for tiles and mouldings of any shape and size; for solid or hollow bricks; for pipes of any shape and size up to 9 inches diameter, and with two reversing tables.
N.B.—The dies for Roberts's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde-park, are manufactured for, and supplied with this machine if required. It is capable of being worked by hand, or may, as well as the Brick Machine, be driven by horse or steam power.

| | |
|---|---|
| The price of the machine, complete, with two tables, two dies, and one screw, for hand power | 20*l.* |
| Ditto, ditto, to be worked by horse-power | 25*l.* |
| Ditto, ditto, steam-power | 35*l.* |

Price of horse-gear to drive one tile machine, 5*l.*; if to drive two machines, 8*l.* 10*s.*; if three, 12*l.* extra. One horse will drive three machines.
J. H. invites attention to his extensive stock of machinery of every description for brick and tile making, and will furnish his particulars upon application. Steam engines from four to fifty horse power kept in stock.
ENGINEERING, BOILER MAKING, AND IRONFOUNDRY IN ALL ITS BRANCHES.
MANUFACTORY:—ATLAS IRON WORKS, BOROUGH-ROAD, LONDON.

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